

WHAT IS CLAIMED IS:

1. A curable composition comprising
 - A) a fluoroelastomer copolymer;
 - 5 B) a fluorinated polyether having a general formula of $\text{---}[\text{CF}_2\text{CFH-O-R}_f\text{-CF}_2\text{CH}_2\text{O}]_n\text{---}$, wherein n is such that M_w is between 2000 and 100,000 and R_f is selected from the group consisting of a) $\text{---}(\text{CF}_2)_s\text{---}$, wherein s is 1 to 10; and b) $\text{---}[\text{CF}_2\text{CF}(\text{CF}_3)\text{O}]_t(\text{CF}_2)_u\text{---}$, wherein u is 1 to 10 and t is 1 to 20; and
 - 10 C) a curing agent.
2. A curable composition of Claim 1 wherein said fluorinated polyether has a M_w between 15,000 and 45,000.
3. A curable composition of Claim 2 wherein said fluorinated polyether has an R_f group having said formula $\text{---}(\text{CF}_2)_s\text{---}$ and wherein s
15 is 1-3.
4. A curable composition of Claim 2 wherein said fluorinated polyether has an R_f group having said formula $\text{---}[\text{CF}_2\text{CF}(\text{CF}_3)\text{O}]_t(\text{CF}_2)_u\text{---}$ and wherein both t and u are 1.
5. A curable composition of Claim 1 wherein said
20 fluoroelastomer comprises copolymerized units selected from the group consisting of a) vinylidene fluoride and hexafluoropropylene; b) vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene; c) vinylidene fluoride and perfluoro(methyl vinyl ether); d) vinylidene fluoride, perfluoro(methyl vinyl ether) and tetrafluoroethylene; e) vinylidene
25 fluoride, tetrafluoroethylene and propylene; f) tetrafluoroethylene and propylene; g) ethylene, tetrafluoroethylene and perfluoro(methyl vinyl ether); and h) tetrafluoroethylene and perfluoro(methyl vinyl ether).
6. A curable composition of Claim 5 wherein said
30 fluoroelastomer further comprises cure sites selected from the group consisting of iodine endgroups; bromine endgroups; copolymerized iodine-containing cure site monomers; bromine-containing cure site monomers;

bis-olefin cure site monomers; nitrile group-containing cure site monomers; trifluoroethylene; 3,3,3-trifluoropropene-1; 1,2,3,3,3-pentafluoropropylene; 1,1,3,3,3-pentafluoropropylene; 2,3,3,3-tetrafluoropropene; and combinations thereof.

5 7. A curable composition of Claim 1 wherein said curing agent is selected from the group consisting of organic peroxides, polyhydroxy compounds, bis(aminophenols), tetraamines, organotin compounds and ammonia generating compounds.

10 8. A curable composition of Claim 1 further comprising an acid acceptor selected from the group consisting of metal oxides, metal hydroxides and a combination thereof.